

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
NAME CYPRUS THOMPSON CREEK MINING C  
ADDRESS P.O. BOX 62  
CLAYTON ID 83227

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) ID0025402 (17-19) 001 A  
PERMIT NUMBER DISCHARGE NUMBER

F - FINAL DISCHARGE TO BUCKSKIN CREEK  
Form Approved OMB No. 2040-0004  
AUG 14 1989

FACILITY  
LOCATION  
ATTN: CHRIS JANES, VICE PRES/GEN MGR

MONITORING PERIOD  
FROM YEAR 89 MO 07 DAY 01 TO YEAR 89 MO 07 DAY 31  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

WATER COMPLIANCE SECTION  
MAJOR (SUBR 03) EPA - REGION 10  
NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
PH	SAMPLE MEASUREMENT	*****	*****		—	*****	—	—	—		
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU	—	WEEKLY GRAB	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	—	—	—	—		
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	20 30DA AVG	30 DAILY MX	MG/L	—	WEEKLY GRAB	
ARSENIC, TOTAL (AS AS)	SAMPLE MEASUREMENT	*****	*****		*****	*****	—	—	—		
01002 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.490 DAILY MX	MG/L	—	ONCE/ GRAB MONTH	
CADMIUM, TOTAL (AS CD)	SAMPLE MEASUREMENT	*****	*****		*****	*****	—	—	—		
01027 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.0053 DAILY MX	MG/L	—	ONCE/ GRAB MONTH	
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****	*****	—	—	—		
01042 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.0245 DAILY MX	MG/L	—	ONCE/ GRAB MONTH	
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		*****	*****	—	—	—		
01051 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.0589 DAILY MX	MG/L	—	ONCE/ GRAB MONTH	
ZINC, TOTAL (AS ZN)	SAMPLE MEASUREMENT	*****	*****		*****	*****	—	—	—		
01092 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.165 DAILY MX	MG/L	—	ONCE/ GRAB MONTH	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)				TELEPHONE		DATE			
P.H. Fitch						208 838-2200		89 08 09			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA CODE		NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
NAME CYPRUS THOMPSON CREEK MINING C  
ADDRESS P.O. BOX 62  
CLAYTON ID 83227

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) ID0025402  
PERMIT NUMBER  
(17-19) 001 A  
DISCHARGE NUMBER

F - FINAL  
DISCHARGE TO BUCKSKIN CREEK  
Form Approved  
OMB No. 2040-0004  
EXP. DATE 09-01-88

RECEIVED  
AUG 14 1989

FACILITY  
LOCATION  
ATTN: CHRIS JANES, VICE PRES/GEN MGR

MONITORING PERIOD  
FROM YEAR 89 MO 07 DAY 01 TO YEAR 89 MO 07 DAY 31  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUBR 03)  
NOTE: Read instructions before completing this form.  
WATER COMPLIANCE SECTION  
EPA - REGION 10

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0	0		*****	*****	*****		0	Daily	
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		DAILY	
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	—		—	—	
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	.0002 DAILY MX	MG/L		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT				zero discharge						
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  P.H. Fitch  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  Bert Daigh for PHF	TELEPHONE		DATE		
			208	838-2200	89	08	09
			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
NAME CYPRUS THOMPSON CREEK MINING C  
ADDRESS P.O. BOX 62  
CLAYTON ID 83227

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) ID0025402  
(17-19) 002 A  
PERMIT NUMBER DISCHARGE NUMBER

Form Approved  
OMB No. 2040-0004  
Expires 0-1-88  
F - FINAL  
DISCHARGE TO PAT HUGHES CREEK  
AUG 14 1989

FACILITY  
LOCATION  
ATTN: CHRIS JANES, VICE PRES/GEN MGR

MONITORING PERIOD  
FROM YEAR 89 MO 07 DAY 01 TO YEAR 89 MO 07 DAY 31  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

WATER COMPLIANCE SECTION  
MAJOR (SUBR 03) EPA-REGION 10  
NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			(46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-55)	MAXIMUM (56-57)	UNITS (58-59)	MINIMUM (38-39)	AVERAGE (40-41)	MAXIMUM (42-43)	UNITS (44-45)					
PH	SAMPLE MEASUREMENT	*****	*****		8.2	*****	8.8		0	weekly	grab		
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			WEEKLY	GRAB		
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU					
SOLIDS, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****	2.0	3.0		0	weekly	gr		
SUSPENDED	PERMIT REQUIREMENT	*****	*****	****	*****	20	30			WEEKLY	GRAB		
00530 1 0 0				****		30DA AVG	DAILY MX	MG/L					
EFFLUENT GROSS VALUE				****									
ARSENIC, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.001		0	once/ month	grab		
(AS AS)	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.490			ONCE/ MONTH	GRAB		
01002 1 0 0				****			DAILY MX	MG/L					
EFFLUENT GROSS VALUE				****									
CADMIUM, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****	*****	<0.005		0	once/ month	grab		
(AS CD)	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.0053			ONCE/ MONTH	GRAB		
01027 1 0 0				****			DAILY MX	MG/L					
EFFLUENT GROSS VALUE				****									
COPPER, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****	*****	<0.01		0	once/ month	grab		
(AS CU)	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.0245			ONCE/ MONTH	GRAB		
01042 1 0 0				****			DAILY MX	MG/L					
EFFLUENT GROSS VALUE				****									
LEAD, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****	*****	<0.05		0	once/ month	gra		
(AS PB)	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.0589			ONCE/ MONTH	GRAB		
01051 1 0 0				****			DAILY MX	MG/L					
EFFLUENT GROSS VALUE				****									
ZINC, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****	*****	<0.096		0	once/ month	grab		
(AS ZN)	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.165			ONCE/ MONTH	GRAB		
01092 1 0 0				****			DAILY MX	MG/L					
EFFLUENT GROSS VALUE				****									
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE		DATE				
P.H. Fitch							208 838-2200		89	08	09		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER	YEAR	MO	DAY		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
NAME **CYPRUS THOMPSON CREEK MINING C**  
ADDRESS **P.O. BOX 62**  
**CLAYTON** ID **83227**

FACILITY  
LOCATION  
ATTN: **CHRIS JANES, VICE PRES/GEN MGR**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) ID0025402  
PERMIT NUMBER  
(17-19) 002 A  
DISCHARGE NUMBER

Form Approved OMB No. 2040-0004  
F - FINAL DISCHARGE TO **PAT HUGHES CREEK**  
AUG 14 1989  
MAJOR (SUB) **WATER COMPLIANCE SECTION**  
NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0	SAMPLE MEASUREMENT	0.189	0.349		*****	*****	*****			0	Daily	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****			DAILY	
MERCURY, TOTAL (AS HG)	SAMPLE MEASUREMENT	*****	*****		*****	*****				0	once/	
71900 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.0002				month	
EFFLUENT GROSS VALUE				****			DAILY MX	MG/L			ONCE/ GRAB MONTH	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
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P.H. Fitch								208	838-2200	89	08	09
TYPED OR PRINTED	AREA CODE	NUMBER	YEAR	MO	DAY							

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Chief, Water Compliance Section  
U.S. EPA  
1200 Sixth Avenue  
Seattle, WA 98101

RECEIVED  
AUG 14 1989  
WATER COMPLIANCE SECTION  
EPA - REGION 10

Att: Water Compliance Section, WD-135

Dear Sir:

Enclosed are the July monitoring reports for source points 001 and 002. Source point 001 quit flowing the last week of June.

Also enclosed is the surface and ground water quality data from the Thompson Creek Mine for dates 9/01/88 - 3/31/89. The second quarter data will be submitted with the August DMR. I'm sorry for the delay in getting the data forwarded as it took more man hours than expected to update the data base.

If you have any questions, please advise.

Sincerely,



Bert Doughty  
Supervisor, Environmental Affairs

BD/bjw

cc: Idaho Department of Health and Welfare, Boise